ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1		**Ideation and Setup**	**19.13 days**	**Fri 7/29/22**	**Wed 8/17/22**		
2		Project Management Plan	1 day	Fri 7/29/22	Fri 7/29/22		Paul
3		Project Management Plan	2 hrs	Sat 7/30/22	Sat 7/30/22		Paul
4		Create Github	2 hrs	Sat 7/30/22	Sat 7/30/22	2SS,3SS	Paul
5		Maintain Github	5 hrs				
6		Maintain Github ReadMe	1 hr	Wed 8/17/22	Wed 8/17/22		Stanley
7		EDA Choose Datasets	1 day	Fri 7/29/22	Fri 7/29/22	4SS	Tavianne
8		EDA Choose Datasets	1 day	Fri 7/29/22	Fri 7/29/22	4SS	Paul
9		EDA Choose Datasets	1 day	Fri 7/29/22	Fri 7/29/22	4SS	Stanley
10		EDA Choose Datasets	1 day	Fri 7/29/22	Fri 7/29/22	4SS	Yiqing
11		Exploratory 5-10 Questions	1 hr	Fri 7/29/22	Fri 7/29/22	7FF,8FF,9FF,10FF	Yiqing
12		Exploratory 5-10 Questions	1 hr	Fri 7/29/22	Fri 7/29/22	7FF,8FF,9FF,10FF	Stanley
13		Exploratory 5-10 Questions	1 hr	Fri 7/29/22	Fri 7/29/22	7FF,8FF,9FF,10FF	Tavianne
14		Exploratory 5-10 Questions	1 hr	Fri 7/29/22	Fri 7/29/22	7FF,8FF,9FF,10FF	Paul
15		Finalize Project Management Plan	4 hrs	Tue 8/2/22	Tue 8/2/22	11,14,13,12	Paul
16		Napkin Drawings Visualizations	2 hrs	Wed 8/3/22	Wed 8/3/22	15	Tavianne

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Task
Split
Milestone
Summary
Project Summary
Inactive Task
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Progress
Manual Progress

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
17		Document Dashboard & Visualization Feedback	5 hrs	Wed 8/3/22	Wed 8/3/22	18FF,16SS	Tavianne
18		Napkin Drawings Dashboard	2 hrs	Thu 8/4/22	Thu 8/4/22	15FS+1 day	Tavianne
19		Data Flow Visualization	2 days				Paul
20		ER Diagram	2 hrs				Stanley
21		**Database**	**0.25 days**	**Fri 7/29/22**	**Fri 7/29/22**		
22		Create database	2 hrs				Yiqing
23		**Data Pipeline**	**1 day**	**Fri 7/29/22**	**Fri 7/29/22**		
24		Create Data Pipeline	1 day				Yiqing
25		**ETL**	**2 days**	**Sat 8/6/22**	**Sun 8/7/22**		
26		ETL	2 days	Sat 8/6/22	Sun 8/7/22	18	Stanley
27		ETL	2 days	Sat 8/6/22	Sun 8/7/22	18	Yiqing
28		ETL	3 hrs	Sat 8/6/22	Sat 8/6/22	18	Paul
29		ETL Report	5 hrs	Sat 8/6/22	Sat 8/6/22	18	Tavianne
30		**ML**	**1 day**	**Fri 7/29/22**	**Fri 7/29/22**		
31		Create Model	1 day				Tavianne
32		Tune	1 day				Paul
33		**Dashboard**	**3 days**	**Fri 8/12/22**	**Sun 8/14/22**		
34		Dashboard	1 day	Fri 8/12/22	Fri 8/12/22		Stanley
35		Dashboard	1 day	Fri 8/12/22	Fri 8/12/22		Yiqing

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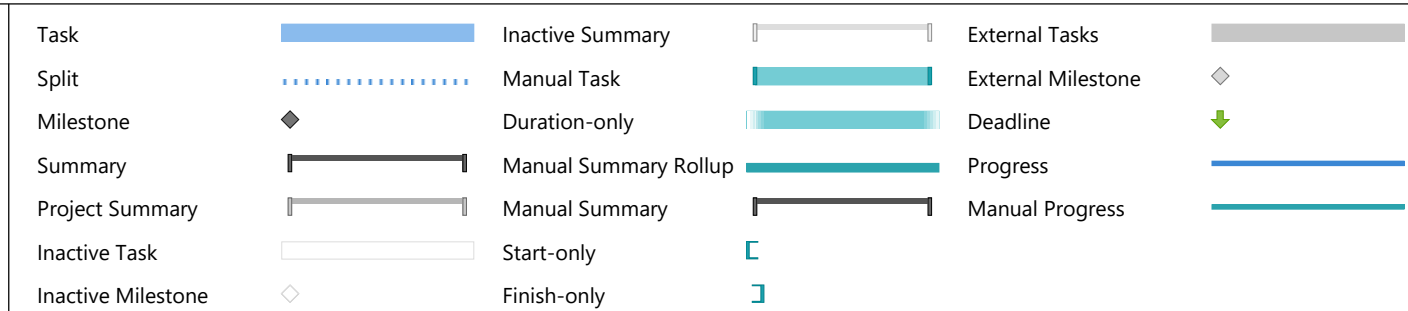

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
36		Dashboard Report	1 day	Sun 8/14/22	Sun 8/14/22	34,35	Tavianne
37		**Code**	**1 day**	**Mon 8/15/22**	**Mon 8/15/22**		
38		Create Producer Code	1 day				Stanley
39		Create Consumer Code	1 day				Stanley
40		Code upload to Github	1 hr	Mon 8/15/22	Mon 8/15/22		Tavianne
41		**Presentation**	**2.13 days**	**Mon 8/15/22**	**Wed 8/17/22**		
42		Create Slides	4 hrs	Mon 8/15/22	Mon 8/15/22		Tavianne
43		Create Slides	4 hrs	Mon 8/15/22	Mon 8/15/22		Paul
44		Create Slides	4 hrs	Mon 8/15/22	Mon 8/15/22		Yiqing
45		Create Slides	4 hrs	Mon 8/15/22	Mon 8/15/22		Stanley
46		Practice	4 hrs	Tue 8/16/22	Tue 8/16/22	42,43,44,45	Stanley
47		Practice	4 hrs	Tue 8/16/22	Tue 8/16/22	42,43,44,45	Tavianne
48		Practice	4 hrs	Tue 8/16/22	Tue 8/16/22	42,43,44,45	Yiqing
49		Practice	4 hrs	Tue 8/16/22	Tue 8/16/22	42,43,44,45	Paul
50		Present	1 hr	Wed 8/17/22	Wed 8/17/22	46,49,48,47	Paul
51		Present	1 hr	Wed 8/17/22	Wed 8/17/22	46,49,48,47	Stanley
52		Present	1 hr	Wed 8/17/22	Wed 8/17/22	46,49,48,47	Tavianne
53		Present	1 hr	Wed 8/17/22	Wed 8/17/22	46,49,48,47	Yiqing

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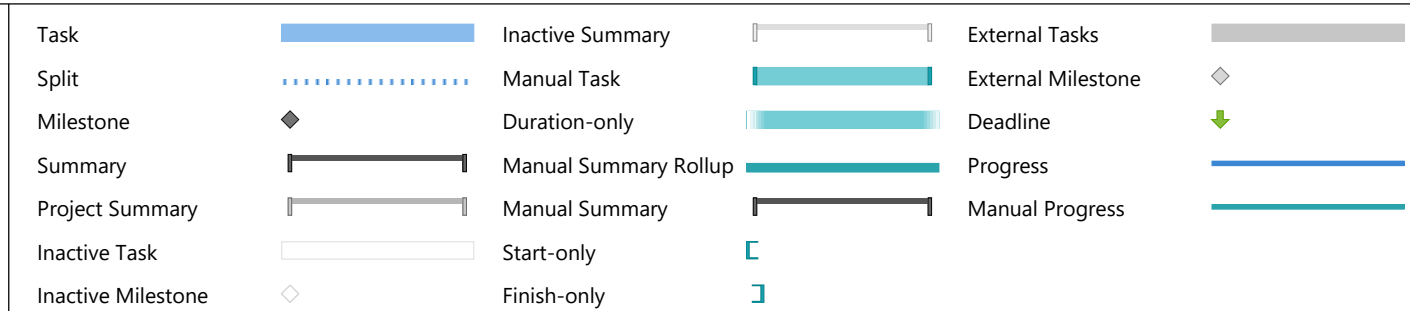

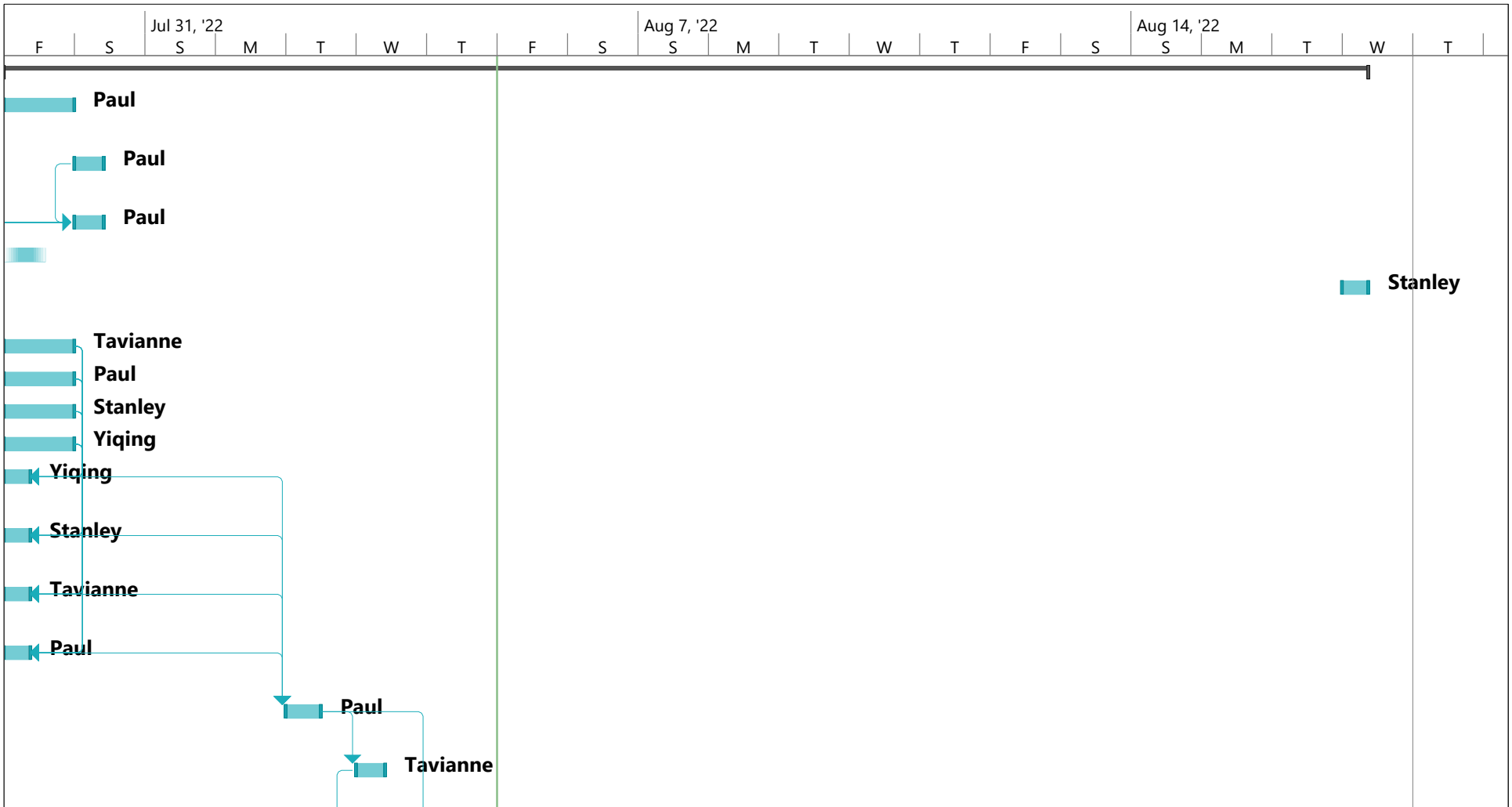

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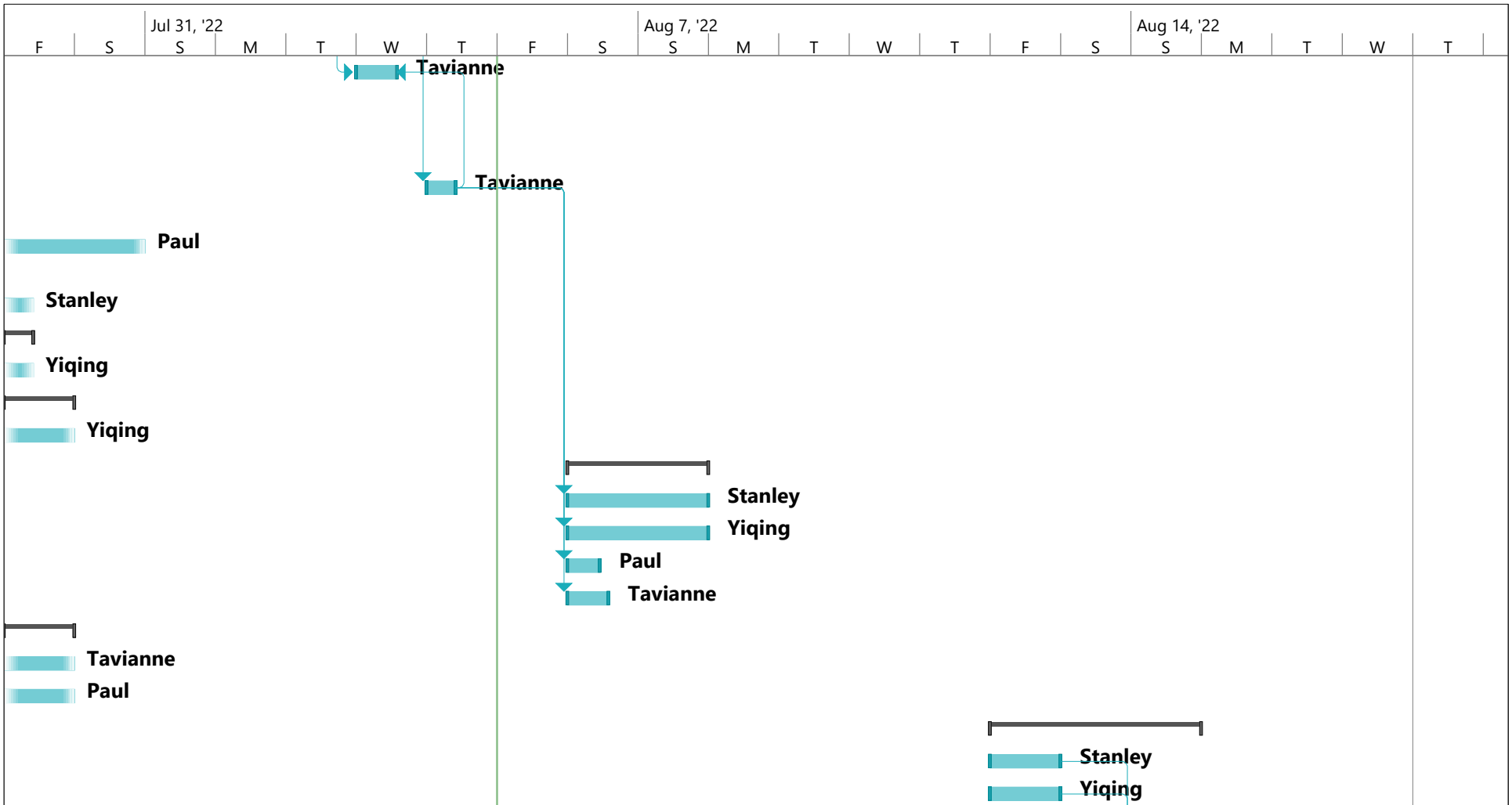
Task		Inactive Summary		External Tasks	
Split		Manual Task		External Milestone	
Milestone		Duration-only		Deadline	
Summary		Manual Summary Rollup		Progress	
Project Summary		Manual Summary		Manual Progress	
Inactive Task		Start-only			
Inactive Milestone		Finish-only			



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Milestone		Duration-only		Deadline	
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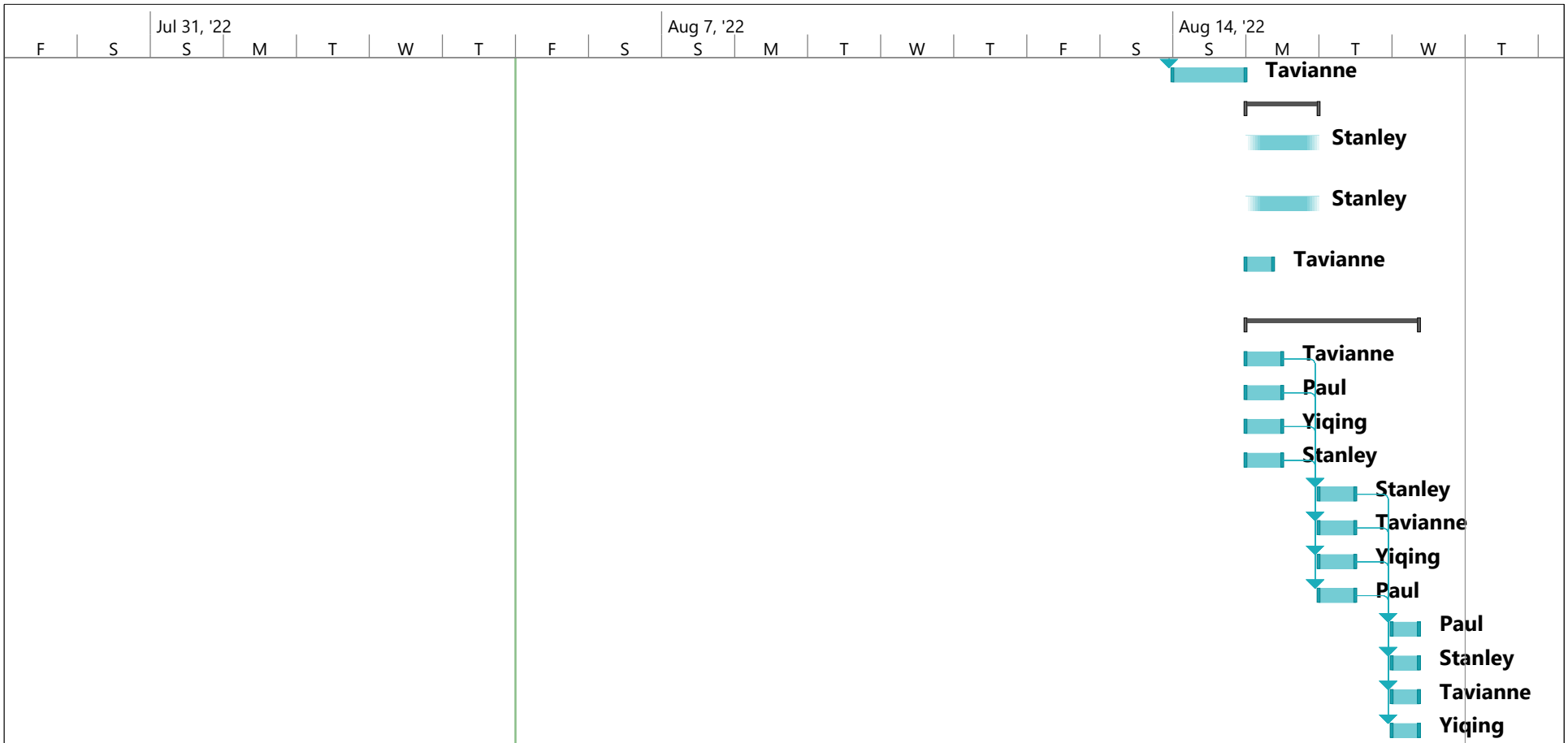
Inactive Milestone		Finish-only			



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Task	Inactive Summary	External Tasks
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Milestone	Duration-only	Deadline
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Inactive Task	Start-only	
Inactive Milestone	Finish-only	